START

NONRADIOACTIVE DANGEROUS WASTE LANDFILL INTERNAL SHIPPING DOCUMENTS - MANIFESTS CATEGORIZED PACKAGE FOR YEAR 1975



NOTES ON PREPARATION OF THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL WASTE DISPOSAL DOCUMENT FOR YEAR 1975

- 1. The file copy of the Nonradioactive Dangerous Waste Landfill (NRDWL) disposal records for the operational years 1975 through 1985 were reviewed and assembled into waste disposal packets.
- 3. A waste disposal packet number is composed of the letter P (for packet), the last two digits of the year in which disposal took place, and a consecutively assigned three digit number starting with 001 for the first packet of each year (i.e. P75-001 or P83-001)
- 2. Generally, the disposal record packages contain information on the waste that was disposed only at the NRDWL. However, some waste disposal events have final disposal locations other than NRDWL, have unconfirmed disposal locations or have two or more final (partial) disposal locations. Other final disposal locations consist of the 2727-S/200W Offsite Staging Facility, United Nuclear Industries Landfill, Hanford Solid Waste Landfill, Hanford sanitary trenches, 200W burial area, or unidentified offsite locations. Retained in this document are those disposal events that identify the NRDWL as a final, partial or a uncertain disposal location. All disposal events having been identified as having been disposed of at an other facility either entirely or partially have been forwarded to that particular facility.
- Records documenting disposal for a given year were assigned page numbers in the initial submittal of the file copy, "Manifest Records for Year 1975", on February 14, 1991. Records are numbered consecutively for each year beginning with 0000001. Generally all documents relating to a single disposal event are arranged in consecutive order. Occasionally, however, disposal packets contain related documents out of consecutive order. Some pages are related to more than one disposal event and appear in more than one waste disposal packet.

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4. A cross reference table exists for this document which identifies the packet number, disposal date, file copy page numbers (from the original submittal), final disposal location, and trench number.

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REQUEST FOR DISPOSAL OF HAZARDOUS MATERIALS

Instructions

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Complete this request form by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Personnel Protection.

| I | Custodian | |
|----|--|---|
| | Name ROTERT M. PUBLACT | Telephone2-1538 |
| | Building/Area CHILED 17705 (MICHOL) | x 1720 I'/2 100 I' |
| II | Identification of Material | • |
| | Trade Name <u>TURCO</u> Chemical Name <u>DECON - 1306 C</u> Storage Location <u>185 FIDS 100F</u> | |
| | Contaminated with Radioactive Materia | |
| 11 | Packaging | |
| | Physical Form: Liquid Solid Gas | Number of Containers 30h Weight 125 Jr. each Volume 48,875 Lr. each |
| | Compressed Gas Container: Glass Wood, Fiber, Plastic FIFS Metal | Age of Container <u>5 NEARS</u> |
| ٧ | Reason for Disposal | • |
| | This Three was originally procured for the to III deactivation it is no longer of three is not used at 100-F Area. | • |
| | 11/00/75 | Date Disposal Required by |
| V | Comments (acid, caustic, flammable, toxic, etc. |) |
| 光 | This caterial was burried at ARICO Lan | 11/03/75 |
| | ייירס מפרי ביי ביי ביי ביי ביי ביי ביי ביי ביי ב | |
| | · | |
| | | 00000 |

Atlantic Richfield Hanford Company

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July 30, 1975

To:

G. E. Backman

From:

H. O. Monson

Subject:

DISPOSAL OF TURCO DECON 4306C

On December 1, 1971 United Nuclear Industries released 48,000 pounds of Turco Decon 4306C contained in 391 barrels to Atlantic Richfield Hanford Company for disposal. Three attempts have been made to find a buyer for this material but they have been unsuccessful. The last attempt was concluded on July 28, 1975, Public Sale 04-75. The material is stored . in Building 185-B, 100-B Area. Being highly corrosive, the fumes are interacting on all metal-exposed areas. United Nuclear Industries is desirous that the material be removed, buried or destroyed so that the ecological and environmental effects will be minor.

Mousee

Your expertise is required to advise us as to the method of disposal that will cause the least damage to the environs. To determine removal and handling costs, we need to know the specialized handling that will be required.

To expedite disposal we would like to receive your written instructions by August 22, 1975.

HOM: mwh

cc: JWO Ash, UNI

JT Baker, UNI

HO Monson

DL Richardson

BL. Vail

Orig. - M E Clark C.C. - Custidia. - K R PRICE

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REQUEST FOR DISPOSAL OF HAZARDOUS MATERIALS

<u>Instructions</u>

Complete this request form by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Personnel Protection.

| | plant mail to Personnel Protection. |
|-----|--|
| I | Custodian |
| | Name FS 570NG Telephone 2 - 2719 |
| | Building/Area 27/7 / 200W |
| II | Identification of Material |
| | Trade Name > Misc. small containers of dd Chemical Name > Laborator Chemicals |
| | Storage Location Bosement 27/T Contaminated with Radioactive Material? Yes No X |
| III | Packaging |
| | Physical Form: Liquid X Number of Containers mumbrus puo |
| | Solid _X Weighteach (i. 51 gra |
| | Gaseach |
| | Compressed Gas Age of Container |
| | Container: Glass |
| | Wood, Fiber, Plastic |
| | Metal 55 gol Dinen for burial - 3 Domins |
| IV | Reason for Disposal |
| | old, uncestain history, unusable |
| | |
| | |
| | Date Disposal Required by ASAP |
| V | Comments (acid, caustic, flammable, toxic, etc.) |
| | Tit o ocicle material in each drum |
| | Diet of operation in each down sugglied to JL Calder F. \$ 05 |
| | |
| | agenored in Disson! Burned at Central Junful |
| | Det 1-13-1000008 |
| | Ry X (free By 277 Classes) |

Atlantic Richfield Hanford Company Federal Building Richland, Washington 99352 Telephone 509 942 7411



October 30, 1975

Battelle Memorial Institute Pacific Northwest Laboratory Richland, Washington 99352

Attention: Mr. T. J. McLaughlin, Engineer

Occupational and Environmental

Safety Department

Subject:

DISPOSAL OF UNKNOWN WASTE

Gentlemen:

There isn't any problem in disposing of your unknown laboratory waste to the Central Landfill. Please make sure the carcinogens are excluded from the waste before it goes to the Central Landfill. As per our conversation, Mr. M. E. Clark of Transportation, Utilities, Maintenance, Services is your contact for the disposal arrangements. Please keep us advised as to the disposition of the waste.

Yours truly,

J. L. Calder, III Environmental Engineer Environmental and Occupational Safety Department

JLC:pvb

cc: GE Backman

JL Calder III &

ME Clark RI Grob KR Price

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Project Number_____

Internal Distribution

JL Calder (w/o enc)
PFX Dunigan, Jr. (w/o enc)
JH Soehnlein (w/o enc)
File/LB

Date November 12, 1975

To EA Weakley

From TJ McLaughlin

Subject Request for Chemical Disposal Assistance

Enclosed please find four "Chemical Waste Disposal Permit" applications as supplied by your office. The applications were completed separately according to physical location of the wastes for accounting purposes.

As you may note, laboratory quantities of organic acids comprise the largest disposal request. This is due to the present inadequacy of Hanford hazardous waste management practices to handle such wastes. Other Battelle chemicals are disposed through burial and treatment systems provided by ARHCO and by in-house nuetralization techniques.

Any cooperation you could render would be most appreciated. We look forward to working with you in this matter.

/mh

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REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

| I | NS | TR | UC | TI | ONS |
|---|----|----|----|----|-----|
|---|----|----|----|----|-----|

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

| CHY II | Offine it day a fine control of the |
|--------|---|
| I. | CUSTODIAN |
| | NAME W. J. Bachmann DE Retterfed TELEPHONE 942-7169 |
| | BUILDING/AREA 1171 Building, 1100 Area |
| 11. | IDENTIFICATION OF MATERIAL |
| | TRADE NAME Used Battery Acid |
| | CHEMICAL NAME Electrolyte |
| | |
| | STORAGE LOCATION 1171 Battery Acid Disposal Dump |
| | CONTAMINATED WITH RADIOACTIVE MATERIAL? YES NO_X |
| III. | PACKAGING |
| | LIQUID SOLID_X GAS |
| | NUMBER OF CONTAINERS WEIGHT 'EA. VOLUME 2 yds EA. |
| | TYPE OF CONTAINER Not Applicable AGE OF CONTAINER |
| IV. | REASON FOR DISPOSAL |
| | To remove gravel saturated with battery acid |
| | |
| • • | |
| ٧. | DATE DISPOSAL REQUIRED |
| | 12-11-75 |
| VI. | <u>COMMENTS</u> |
| | Gravel saturated with battery acid |
| | |
| | |
| APPRO | YEB FOR DISPOSAL DISPOSAL LOCATION Control tandlett |
| BY | The 2 |
| DATE_ | 1) -9-75 BY Matter 12-11/2: 0000005 |

REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

| I | NS | TR | UÇ | TI | ONS |
|---|----|----|----|----|-----|
|---|----|----|----|----|-----|

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| ommental Fro | tection. | | |
|--------------|-----------------------------|-------------------|-----------------|
| CUSTODIAN | <u>L</u> | | |
| NAMEKath | ny Probasco | TELEPHONE 94 | 16-2044 |
| BUILDING/ | AREA LSL 11/3000 | • | |
| IDENTIFIC | ATION OF MATERIAL | | • |
| TRADE NAM | E | | |
| CHEMICAL | NAME <u>Variety of wast</u> | e chemicals | |
| STORAGE L | OCATION PS Loading | Dock | |
| CONTAMINA | TED WITH RADIOACTIV | 'E MATERIAL? YES_ | NOX |
| PACKAGING | • | , | |
| | X SOLID X | GAS | |
| | CONTAINERS -700 | | VOLUME 2.5 ft |
| | ONTAINER 55/30 gallon | | |
| REASON FO | R DISPOSAL | | |
| No lon | ger useful chemicals | | |
| | | | |
| DATE DISPO | OSAL REQUIRED | | , |
| 12/12/7 | 5 | | |
| COMMENTS | | • | |
| Small o | quantities of organics | present. | |
| | | | |
| | | | |
| VED FOR DIS | SPOSAL DIEDOS | | + |
| <u> </u> | DISPOS | AL LOCATION Co. | al land |
| 49/73 | BY | hutterfact X | accorded ()()() |

| | Battelle | |
|------|----------------------------|------|
| - 1, | Pacific Northwest Laborato | ries |

Project Number____

Internal Distribution

File/LB

Date December 9; 1975

To JL Calder

From TJ McLaughlin

Subject Waste Chemicals to be Picked Up at P.S.B. Loading Dock

The chemicals listed below are ready for disposal:

- (8) jars of unknown liquids
- . 100 ml phenyl isocyanate
- 1 Jar of 2, 7, Dichlorofloresceine Spray Reagent
- 1 Plastic Container NHy MB
- . 216 Solvent Extracts 100 ml ea.
- . 400 Scintilation Vials 25 ml ea.
- . 12 Chunks of Sediment Contained in Plastic Containers
- 100 Vials of Unknown
- 4 Small Bottles Crude Oil
- 8 lt. (2 gal.) Crude Sludge
- 1 lt. Formamide Liquid
- 1 lt. HCL acid in Metal Container
- 15 lb Jars of Phospherous Pentoxide (granular)

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Atlantic Richfield Hanford Company Federal Building Richland, Washington 99352 Telephone 509 942 7411



October 30, 1975

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Safety Department

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Yours truly,

J. L. Calder, III Environmental Engineer Environmental and Occupational Safety Department

JLC:pvb

cc: GE Backman

JL Calder III &

ME Clark

RI Grob

IX Price

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Project Number_____

Internal Distribution

JL Calder (w/o enc)
PFX Dunigan, Jr. (w/o enc
JH Soehnlein (w/o enc)
File/LB

Date November 12, 1975

To EA Weakley

from TJ McLaughlin

Subject Request for Chemical Disposal Assistance

Enclosed please find four "Chemical Waste Disposal Permit" applications as supplied by your office. The applications were completed separately according to physical location of the wastes for accounting purposes.

As you may note, laboratory quantities of organic acids comprise the largest disposal request. This is due to the present inadequacy of Hanford hazardous waste management practices to handle such wastes. Other Battelle chemicals are disposed through burial and treatment systems provided by ARHCO and by in-house nuetralization techniques.

Any cooperation you could render would be most appreciated. We look forward to working with you in this matter.

/mh



Internal Distribution

EH Phinney w/o enc. JH Soehnlein w/o enc.

_FB Steele w/o enc.

HC Stidham w/o enc.

November 18, 1975

JL Calder

Subject Chemicals Packaged in 242-B Pending Burial

The following chemicals were placed into a 55 gallon.drum for disposal purposes on November 17, 1975. All were solids except two unknown 1iquids.

| Chemical | Quantity | No. Containers | <u>Container Size</u> |
|-------------------------------|----------|----------------|-----------------------|
| Aluminum (powder) | 13.0 1ь. | 4 | · 4/1 1b. |
| Calcium chloride | 1.0 1b | i | 1 1b. |
| Soda lime | 1.0 16. | j | 1 16. |
| Sea sand | 2.5 16. | 3 | 1 1b. |
| Phosphoric acid (granular) | 19.0 lb. | 21 | 7 1b. |
| Sodium oxalate | 11.0 16. | 12 | 1 16. |
| Pentasodium diethylene- | 0.8 16. | 1 | 1 16. |
| triamine pentaacetate | • | · | |
| Ethylene diamine | 0.5 lb. | 1 | 3 Kg |
| tetraacetic acid | - | | - |
| Oxalic acid (granular) | 2.5 1b. | 2 | 5/1 lb. |
| Manganous sulfate | 1.0 lb. | 1 | 1' 1b. |
| Magnesium sulfate (anhydrous) | 0.75 lb. | 1 | 1 16. |
| Silica gel | 25.0 lb. | 1 | 25 lb. |
| Sodium carbonate | 4.0 lb. | 4 | 1 1b. |
| Acridine | 1.0 lb. | 1 | 1 Kg |
| 8-Quinolinol | 1.0 lb. | 1 | 1 Kg |
| 8-Hydroxy-7-iodo-5-quinoline | 0.1 lb. | 1 | 100 g |
| sulfonic acid | | | |
| Sulfamic acid | 0.5 1ь. | 2 | 100 g |
| Magnesium oxide | 0.75 1ь. | 1 | 1 1b. |
| Potassium dichromate | 0.75 16. | 1 | 1 1b. |
| Potassium iodide | 1.0 lb. | 1 | 1 1b. |
| Potassium permagnate | 3.0 lb. | 3 | 1 1b. |
| Thenoxitrifluoro acetone | 0.5]Ь. | 1 | 1 1b. |
| Calcium carbonate | 1.0 16. | į | 1 lb. |
| Phosphorous acid (granular) | 0.25 lb. | 1 ' | 1, 1b. |
| Unknown liquid | 10.0 16. | 1 | 10 lb. |
| Unknown liquid | 0.1 16. | . 1 | 0.1 lb. |

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The drum was placed just outside the west door of 242-B.

I am enclosing an ARHCO "Request for Disposal of Hazardous Materials form for the chemicals.

As I mentioned in our recent telephone conversation, I would like to coordinate this barrel pick up with others to reduce transport charges.

REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

| | I | NS | TR | UC | TI | ONS |
|--|---|----|----|----|----|-----|
|--|---|----|----|----|----|-----|

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Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

| | | • | |
|---------------------|-------------------|-------------------|----------------|
| CUSTODIAN Fred Stee | 1 o | 75, 55, 645 | 042 2222 |
| NAME Fred Stee | | • | 942-2233 |
| BUILDING/AREA | 242-B/200-E | | |
| IDENTIFICATION O | F MATERIAL | • | |
| TRADE NAME See | enclosed memo | | |
| CHEMICAL NAME | | | |
| STORAGE LOCATION | • | | ٧٠, |
| CONTAMINATED WIT | H RADIOACTIVE | MATERIAL? YES | NOX |
| PACKAGING | | • | |
| LIQUID | SOLIDX | GAS | |
| NUMBER OF CONTAI | NERS1 W | EIGHT ~ 100, EA | . VOLUME 3 ft |
| TYPE OF CONTAINE | Rmetal | _ AGE OF CON | TAINER > 5 yrs |
| REASON FOR DISPO | SAL | | |
| No longer use | ful chemicals tha | t no other resear | ches want. |
| | | | |
| DATE DISPOSAL RE | QUIRED | | b |
| December 1, 1 | 975 | | |
| COMMENTS | | | |
| Some granular | acids present. | | |
| | | | |
| | | | |
| OVED FOR_DISPOSAL | | | 1 n 12 11. |
| La Cara Cont | DISPOSAL | LOCATION (Ex) | and fandse |

Atlantic Richfield Hanford Company Federal Building Richland, Washington 99352 Telephone 509 942 7411



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REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

| I | NS | T | Rί | C | ΓI | 10 | ۱S |
|---|----|---|----|---|----|----|----|
|---|----|---|----|---|----|----|----|

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Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

| Ι. | NAME LF LUST OF TELEPHONE 2-30-4- |
|-------|--|
| | BUILDING/AREA |
| Π. | IDENTIFICATION OF MATERIAL |
| | TRADE NAME |
| | CHEMICAL NAME Trichloroethylene |
| | STORAGE LOCATION 325/ 17m 528 |
| | CONTAMINATED WITH RADIOACTIVE MATERIAL? YES NOX |
| III. | PACKAGING |
| | LIQUID_XSOLIDGAS |
| | NUMBER OF CONTAINERS / WEIGHT EA. VOLUME 553 EA. |
| | TYPE OF CONTAINER Driver AGE OF CONTAINER HUNGER |
| IV. | REASON FOR DISPOSAL Locks Fairly new. Painter |
| | De longer wable - polluled with mil. |
| ., | |
| ٧. | DATE DISPOSAL REQUIRED |
| | |
| VI. | Used in tech Slops for degrassing |
| | |
| | VED FOR DISPOSAL DISPOSAL LOCATION Control Control |
| BY | |
| DATÉ_ | 12/16/73 BY 130 6 25 GORY 0000011 |